

CLAIMS

1. An audio apparatus comprising:

an audio mixing circuit that inputs a left channel audio signal, a right channel audio signal, a center channel audio signal, a surround left channel audio signal, a surround right channel audio signal and a sub-woofer channel audio signal and that is capable of delivering output by respectively mixing a center channel audio signal, a surround left channel audio signal, and a sub-woofer channel audio signal with a left channel audio signal in a predetermined ratio, a center channel audio signal, a surround right channel audio signal, and a sub-woofer channel audio signal with a right channel audio signal in a predetermined ratio;

an audio signal conditioning circuit that inputs the output signal of the audio mixing circuit and adjusts the signal waveforms;

a power amplifier section comprising a plurality of power amplifiers that amplify audio signals whose signal waveform has been adjusted; and

a speaker section comprising a plurality of speakers driven by the amplified audio signals.

2. The audio apparatus according to claim 1, wherein

said audio mixing circuit is capable of selecting one of a condition in which output is delivered after mixing and a condition in which output is delivered without mixing the left channel audio

signal, right channel audio signal, center channel audio signal, surround left channel audio signal, surround right channel audio signal, and sub-woofer channel audio signal.